



Air Quality Permitting Statement of Basis

November 2, 2007

Tier I Operating Permit No. T1-050025

Teton Sales Company, Caldwell, ID

Facility ID No. 027-00067

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DRAFT FOR PUBLIC COMMENT

Table of Contents

ACRONYMS, UNITS, AND CHEMICAL NOMENCLATURE	3
1. PURPOSE	4
2. FACILITY DESCRIPTION.....	4
3. FACILITY/AREA CLASSIFICATION	4
4. APPLICATION SCOPE	4
5. SUMMARY OF EVENTS.....	5
6. PERMIT ANALYSIS	5
7. REGULATORY ANALYSIS.....	6
8. PERMIT CONDITIONS.....	7
9. INSIGNIFICANT ACTIVITIES	10
10. ALTERNATIVE OPERATING SCENARIOS	10
11. TRADING SCENARIOS.....	10
12. COMPLIANCE SCHEDULE.....	10
13. PERMIT REVIEW.....	10
14. ACID RAIN PERMIT.....	10
15. REGISTRATION FEES	11
16. RECOMMENDATION	11
APPENDIX A AIRS INFORMATION	12
APPENDIX B EMISSIONS INVENTORY	14

Acronyms, Units, and Chemical Nomenclature

acfm	actual cubic feet per minute
AFS	AIRS Facility Subsystem
AIRS	Aerometric Information Retrieval System
AQCR	Air Quality Control Region
BACT	Best Available Control Technology
Btu	British thermal unit
CAA	Clean Air Act
CAM	Compliance Assurance Monitoring
CFR	Code of Federal Regulations
CO	carbon monoxide
DEQ	Department of Environmental Quality
dscf	dry standard cubic feet
EI	emissions inventory
EPA	Environmental Protection Agency
gr	grain (1 lb = 7,000 grains)
HAP	Hazardous Air Pollutant
IDAPA	A numbering designation for all administrative rules in Idaho promulgated in accordance with the Idaho Administrative Procedures Act
lb/hr	pound per hour
MACT	Maximum Available Control Technology
MMBtu	Million British thermal units
NESHAP	Nation Emission Standards for Hazardous Air Pollutants
NO ₂	nitrogen dioxide
NO _x	nitrogen oxides
NSPS	New Source Performance Standards
PM	Particulate Matter
PM ₁₀	Particulate Matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers
PSD	Prevention of Significant Deterioration
PTC	Permit to Construct
PTE	Potential to Emit
Rules	Rules for the Control of Air Pollution in Idaho
scf	standard cubic feet
SIC	Standard Industrial Classification
SIP	State Implementation Plan
SM	synthetic minor
SO ₂	sulfur dioxide
SO _x	sulfur oxides
TAP	toxic air pollutant
Teton Sales	Teton Sales Company
Tier I	Tier I Operating Permit
T/yr	Tons per year
µg/m ³	micrograms per cubic meter
UTM	Universal Transverse Mercator
VOC	volatile organic compound

1. PURPOSE

The purpose of this memorandum is to explain the legal and factual basis for this Tier I operating permit (Tier I) in accordance with IDAPA 58.01.01.362.

The Department of Environmental Quality (DEQ) has reviewed the information provided by Teton Sales Company (Teton Sales) regarding the operation of its facility located in Caldwell. This information was submitted based on the requirements to submit a Tier I application in accordance with IDAPA 58.01.01.369.

2. FACILITY DESCRIPTION

Teton Sales is a wood products coating company. Prior to sale, unpainted doors and moldings are coated with water-based and solvent-based coatings, respectively. The process includes the spray booth, coaters, printers, and drying ovens.

3. FACILITY/AREA CLASSIFICATION

This facility is a major facility as defined by IDAPA 58.01.01.008 because it emits or has the potential to emit a regulated air pollutant(s) in amounts greater than or equal to major facility threshold(s) listed in IDAPA 58.01.01.008. Refer to Section 6.2 of this document for a complete emissions inventory of the air pollutants emitted by this facility.

This facility is not a designated facility as defined by IDAPA 58.01.01.006.30.

This facility is not a major facility as defined by IDAPA 58.01.01.205 because it does not emit or have the potential to emit a regulated criteria air pollutant in amounts greater than or equal to 250 tons per year. The facility takes the throughput limits in the permit to limit its VOC emissions to be less than 250 tons per year. As a result, the facility will not be a PSD major facility as defined in IDAPA 58.01.01.205.

The Standard Industrial Classification (SIC) defining the facility is 2431, and the Aerometric Information Retrieval System (AIRS) facility classification is A. AIRS information is included in Appendix A.

The facility is located in Canyon County, which is classified as unclassifiable for all regulated criteria pollutants (i.e., PM₁₀, CO, NO_x, SO₂, lead, and ozone). There is not a Class I area(s) within 10 kilometers (km) of the facility. This facility is located in Air Quality Control Region (AQCR) 64 and Universal Transverse Mercator (UTM) Zone 11.

4. APPLICATION SCOPE

This is a renewal of the facility's existing Tier I, issued November 6, 2002. The renewal includes Compliance Assurance Monitoring (CAM) requirements for PM₁₀ emissions limits for the door-coating operations, and incorporates Permit to Construct No. P-060032, issued May 8, 2007.

5. SUMMARY OF EVENTS

May 5, 2005	DEQ received the application
July 5, 2005	DEQ determined the application complete
October 25, 2007	DEQ issued draft permit for facility review

5.1 *Permitting History*

November 6, 2002	Initial Tier I was issued.
May 8, 2007	PTC No. P-060032 was issued to fulfill requirements of the Compliance Schedule in Tier I No. 027-00067, issued November 6, 2002.

6. PERMIT ANALYSIS

6.1 *Basis of Analysis*

The following documents were relied upon in preparing this memorandum and the Tier I:

- Permit to Construct No. P-060032 issued May 8, 2007
- Tier I issued November 6, 2002
- Tier I renewal application received on May 5, 2005
- Compliance assurance monitoring proposal received November 29, 2006
- Guidance developed by the U.S. Environmental Protection Agency (EPA) and DEQ

6.2 *Emissions Description and Emissions Inventory*

A detailed emissions inventory (EI), including TAP and HAP emissions, was reviewed during the development of the facility's PTC No. P-060032, issued on May 8. Table 6.1 provides a summary of the EI for criteria air pollutants. The EI for HAPs and TAPs is included in the Appendix B of the statement of basis.

Table 6.1 EMISSIONS INVENTORY SUMMARY^h

Source	PM		PM ₁₀		VOC		SO ₂		NO _x		CO		Lead	
	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr
Spray Booth ^a	0.58	1.28	0.58	1.28	3.68	8.10								
Roll Coater No.1 ^b					3.51	7.71								
Fan Coater No.1														
Fan Coater No.2 ^c					20.70	45.53								
Fan Coater No.3														
Fan Coater No.4 ^d					33.63	73.99								
Printer No.1 ^e					4.883	5.37								
Printer No.2 ^e					4.883	5.37								
Acetone Storage Tank														
T-6 Storage Tank ^f					0.02	0.09								
Fuel Burning Sources ^g	0.014	0.059	0.014	0.059	0.010	0.043	0.001	0.005	0.18	0.78	0.15	0.65	8.9x 10 ⁻⁷	3.9x 10 ⁻⁶
Fugitives		0.01		0.01										
Total	0.594	1.35	0.594	1.35	71.32	135.5	0.001	0.005	0.18	0.78	0.15	0.65	8.9x 10 ⁻⁷	3.9x 10 ⁻⁶

^a based on 9 gal/hr, 24-hour average and 39,600 gal/yr for water reducible lacquer and 9 gal/hr, 24-hour average and 39,600 gal/yr for millwork primer.

^b based on 1.55 gal/hr (0.7 gal/hr of high solids burnishing sealer and 0.85 gal/hr of Acetone) and 6,820 gal/yr of high solids burnishing sealer and Acetone.

^c based on 5.2 gal/hr (3.2 gal/hr of white basecoat and 2.0 gal/hr of T-6 thinner) and 22,880 gal/yr of solvent based paint basecoat and T-6 thinner. Fan coaters No.2 and No.3 are in parallel and therefore are unable to operate simultaneously. The worse case emissions of fan coater No.2 were used to calculate the PTE.

^d based on 6.4 gal/hr (4.4 gal/hr of white basecoat and 2.0 gal/hr of T-6 thinner) and 28,160 gal/yr of solvent based paint basecoat and T-6 thinner. Fan coaters No.1 and No.4 are in parallel and therefore are unable to operate simultaneously. The worst case emissions of fan coater No.4 were used to calculate the PTE.

^e based on 2,514 gal/hr (0.8 gal/hr of colored paste ink, 1.7 gal/hr of T-6 thinner, and 0.014 gal/hr of glycol ether) and 5,531 gal/yr of colored paste ink, T-6 thinner, and glycol ether.

^f EPA Tank 4.0 was used to calculate emissions. The net throughput was 25,080 gal/yr

^g EFs in Table 1.4-2 of AP-42 (rev. 98), combustion sources rated capacity, natural gas heat value of 1,020 Btu/scf, and 8,760 hr/yr operating hours were used in the emissions calculation.

^h More details can be found in the application for PTC No. P-060032, issued May 8, 2007.

7. REGULATORY ANALYSIS

7.1 IDAPA 58.01.01. 369 – Tier I Operating Permit Renewal

Teton Sales applied for a Tier I renewal prior to the expiration of the existing Tier I.

7.2 New Source Performance Standards (NSPS) – 40 CFR 60

Teton Sales is not subject to any NSPS at the time of issuing this permit.

7.3 National Emission Standards for Hazardous Air Pollutants: Surface Coating of Wood Building Products - 40 CFR 63 Subpart QQQQ

Coating operations and associated operations specified in Permit Condition 2.23 are subject to this regulation.

7.3 Compliance Assurance Monitoring (CAM) - 40 CFR 64

Teton Sales' door coating spray booth uses a filtration system with 99% control efficiency to control PM/ PM₁₀ to achieve compliance with PM₁₀ emission limits specified in Permit Condition 3.3. The spray booth has pre-control emissions greater than 100 tons per year for PM/PM₁₀. Therefore, Teton Sales' door coating spray booth is subject to CAM for PM₁₀ emissions limits in the permit.

8. PERMIT CONDITIONS

This section describes only the changes made to the permit as a result of this permitting action. Existing permit conditions are identified as "Existing Permit Conditions", and revised permit conditions are identified as "Revised Permit Conditions."

8.1 Facility-Wide Conditions

Facility-wide permit conditions in the current Tier I template are used. Facility-wide permit conditions in PTC No. P-060032, issued May 8, 2007, are incorporated into the Facility-Wide Conditions section.

Door coating operation at 518 Kit Avenue

8.2 Process Description

The building at 518 Kit Ave. houses the door coating operations. Doors are hand-attached to hangers that are mechanically conveyed along a suspended rail through the spray booth where workers spray coat the doors with hand-held, air-assisted airless spray guns. The airless spray guns have a total maximum throughput capacity of 75 gallons per hour. Water-based paint is used.

After coating, the doors are routed through a heated drying oven, which is a paneled, ventilated enclosure with natural gas-fired heaters (560,000 Btu per hour total heat input). The oven ventilation system consists of an exhaust blower operating at 5,000 actual cubic feet per minute (acfm). After passing through the oven, each door is removed from its hanger. The door-coating line was constructed in November of 1995.

8.3 Emission Control Description

The spray booth is a wide, ventilated enclosure that draws air past the spraying activity through a polyester particulate filter with 99% control efficiency. The paint booth air is exhausted through a roof vent at a rate of 25,000 acfm. In addition, the spray booth uses water-based paint to tremendously reduce the VOCs, HAPs, and TAPs emitted to the ambient air.

There is no emissions control on the heated drying oven and space heaters.

8.4 Permit Conditions 3.1 through 3.8

Permit Conditions 3.1 through 3.8 for Door coating operation at 518 Kit Avenue are taken from the underlying PTC No. P-060032, issued May 8, 2007.

8.5 Permit Conditions 3.3.3 and 3.3.4

Permit Conditions 3.3.3 and 3.3.4 were developed based on IDAPA 58.01.01.210. IDAPA 58.01.01.210 is a State-only requirement in IDAPA 58.01.01.

8.6 Permit Conditions 3.9 through 3.14

Permit Conditions 3.9 through 3.14 are developed based on CAM (40 CFR 64) requirements for Teton Sales' door coating spray booth complying with PM₁₀ emissions limits as specified in Permit Condition 3.3.

- 8.6.1 Permit Condition 3.9 states that when Permit Conditions 3.10 through 3.14 are conflict or inconsistent with 40 CFR 64, 40 CFR 64 will govern.
- 8.6.2 Permit Condition 3.10 are the approved monitoring requirements in accordance with 40 CFR 64.6. On November 1, 2007, Teton Sales emailed additional information to support that the data obtained as specified in Permit Condition 3.10 were representative. DEQ staff reviewed and approved the submittal.
- 8.6.3 Permit Condition 3.11 paragraph (d) applies to excursions or exceedances. These are defined in 40 CFR 64 as the following:

Exceedance shall mean a condition that is detected by monitoring that provides data in terms of an emission limitation or standard and that indicates that emissions (or opacity) are greater than the applicable emission limitation or standard (or less than the applicable standard in the case of a percent reduction requirement) consistent with any averaging period specified for averaging the results of the monitoring.

Excursion shall mean a departure from an indicator range established for monitoring under this part, consistent with any averaging period specified for averaging the results of the monitoring.

- 8.6.4 At the time of permit issuance, 40 CFR 64.8 -Quality Improvement Plan (QIP) Requirements in Permit Condition 3.12 are not required.
- 8.6.5 For Permit Conditions 3.13 (a)(1) and (a)(2), more details on 40 CFR 70.6(a)(3)(iii) can be found in General Provisions 17, 24, and 25.
- 8.6.6 Permit Condition 3.14 includes 40 CFR 64.10 - Savings provisions.

Molding coating processes at 604 Kit Avenue

8.7 Process Description

8.7.1 The Paint and Print Process

When the Paint and Print Process is operating, molding is conveyed through roll coater No.1 which rolls a high solids sealer onto the molding. The molding is then sent to the oven for drying. There are no PM emissions from roll coater No.1 and other emissions are drawn out of the building by a nearby 5,000 acfm wall vent. From the oven, the molding passes through one of two buffers which are considered insignificant activities (IDAPA 58.01.01.317.01.a.i.(49)). The molding then passes through fan coater No.1 which discharges a fan-shaped curtain of brown basecoat over the molding. There are no PM emissions from any of the fan coaters and VOC, HAP and TAP emissions are captured by a ventilation hood and vented through the wall or the roof. The molding then enters the oven for drying before it is routed through one of two printers which can be shuffled on and off line depending on the type of molding being patterned, if any. The printers imprint a wood grain pattern such as oak or pine onto the molding. There are no PM emissions from either of the two printers and VOC, HAP and TAP emissions are captured by a ventilation hood and vented through the wall vent. The molding then passes through fan coater No.3 which applies a satin lacquer topcoat to the molding.

After proper coating and printing, the molding is routed through a heated drying oven, which is a paneled, ventilated enclosure with four natural gas-fired heaters (560,000 Btu per hour total heat input). Two 100,000 Btu per hour natural gas-fired heaters are used as space heaters for heating the building at 604 Kit Avenue. The oven ventilation system consists of an exhaust blower operating at 5,000 acfm.

Molding coating equipment for the Paint and Print Process consists of:

- Roll Coater No.1
- Fan Coater No.1
- Fan Coater No.3
- Printer No.1 and Printer No.2
- Two Buffers

8.7.2 The White Molding process

When the White Molding Process is operating, molding is conveyed through roll coater No.1 and then enters the oven for drying. From the oven, the molding passes through one of two buffers and is then conveyed through fan coater No.4 which applies a layer of white basecoat onto the molding. The molding passes through the oven for additional drying before being coated by another layer of white basecoat from fan coater No.2. After proper coating, the molding is routed again through the drying oven.

Molding coating equipment for the White Molding Process consists of:

- Roll Coater No.1
- Fan Coater No.2
- Fan Coater No.4

8.7.3 Only one of the two molding coating processes can run at a time due to the equipment configuration in 604 Kit Avenue building. Fan coaters No.1 and No.4 are in parallel along with fan coaters No.2 and No.3, and therefore are unable to operate simultaneously.

8.7.4 Three coating process wall vent stacks were modeled at a height of 23 feet to take into account the proposed wall vent stacks height increases. The flowrate of each coating process wall vent stack was modeled at 5,000 acfm.

8.7.5 There is a paint mix area in the building at 604 Kit Avenue.

8.8 Permit Conditions 4.2 through 4.7

Permit Conditions 4.2 through 4.7 for Molding Coating Processes at 604 Kit Avenue are taken from the underlying PTC No. P-060032, issued May 8, 2007.

8.9 Permit Condition 4.3.1

Permit Condition 4.3.1 was developed based on IDAPA 58.01.01.210. IDAPA 58.01.01.210 is a State-only requirement in IDAPA 58.01.01.

8.10 General Provision

General Provisions are taken from the current template. DEQ approved the dates for General Provisions 21 and 24 that were proposed by Teton Sales through email on November 1, 2007 during its facility draft permit review.

9. INSIGNIFICANT ACTIVITIES

There is no change to the insignificant activities in the existing Tier I No. 027-00067, issued November 6, 2002.

10. ALTERNATIVE OPERATING SCENARIOS

The facility did not request any alternative operating scenarios.

11. TRADING SCENARIOS

The facility did not request any trading scenarios.

12. COMPLIANCE SCHEDULE

12.1 Compliance Plan

Teton Sales has fulfilled the Compliance Plan in the existing Tier I No. 027-00067, issued November 6, 2002. The renewal Tier I doesn't have a compliance plan section.

12.2 Compliance Certification

Teton Sales located in Caldwell is required to periodically certify compliance in accordance with General Provision 21. The facility shall submit an annual compliance certification for each emissions unit to DEQ and EPA, in accordance with IDAPA 58.01.01.322.11. The compliance certification report shall address the compliance status of each emissions unit with the terms and conditions of this permit.

13. PERMIT REVIEW

13.1 Regional Review of Draft Permit

DEQ provided the draft permit to its Boise Regional Office on October 23, 2007. The regional office did not have any comments regarding the draft permit.

13.2 Facility Review of Draft Permit

DEQ provided the draft permit to Teton Sales' Caldwell facility for its review on October 25, 2007. The facility provided written comments through email on the draft permit on November 1, 2007 (The signed hardcopy will follow). The comments are addressed in the permit. More discussion can be found under Section 8 of the statement of basis.

13.3 Public Comment

Public comment will be provided in accordance with IDAPA 58.01.01.364.

14. ACID RAIN PERMIT

This facility is not an affected facility as defined in 40 CFR 72 through 75; therefore, acid rain permit requirements do not apply.

15. REGISTRATION FEES

This facility is a major facility as defined by IDAPA 58.01.01.008; therefore, registration and registration fees in accordance with IDAPA 58.01.01.387 apply. The facility is in compliance with registration and registration fee requirements.

16. RECOMMENDATION

Based on the Tier I application and review of state rules and federal regulation, staff recommends that DEQ issue draft Tier I operating permit No. T1-050025 to Teton Sales for its Caldwell facility. This permit renews the facility's existing Tier I. The project does not involve PSD permitting requirements.

SYC/xx Permit No. T1-050025

Appendix A

**Teton Sales Company
Caldwell, ID**

Tier I No. T1-050025

Facility ID No. 027-00067

AIRS Information

AIRS/AFS^a FACILITY-WIDE CLASSIFICATION^b DATA ENTRY FORM

Facility Name: Teton Sales Company
 Facility Location: Caldwell
 AIRS Number: 027-00067

AIR PROGRAM POLLUTANT	SIP	PSD	NSPS (Part 60)	NESHAP (Part 61)	MACT (Part 63)	SM80	TITLE V	AREA CLASSIFICATION A-Attainment U-Unclassified N- Nonattainment
SO ₂	B							U
NO _x	B							U
CO	B							U
PM ₁₀	SM						SM	U
PT (Particulate)	B							
VOC	A	SM					A	U
THAP (Total HAPs)	A				A		A	
			APPLICABLE SUBPART					
					QQQQ			

^a Aerometric Information Retrieval System (AIRS) Facility Subsystem (AFS)

^b AIRS/AFS Classification Codes:

- A = Actual or potential emissions of a pollutant are above the applicable major source threshold. For HAPs only, class "A" is applied to each pollutant which is at or above the 10 T/yr threshold, or each pollutant that is below the 10 T/yr threshold, but contributes to a plant total in excess of 25 T/yr of all HAPs.
- SM = Potential emissions fall below applicable major source thresholds if and only if the source complies with federally enforceable regulations or limitations.
- B = Actual and potential emissions below all applicable major source thresholds.
- C = Class is unknown.
- ND = Major source thresholds are not defined (e.g., radionuclides).

Appendix B

**Teton Sales Company
Caldwell, ID**

Tier I No. T1-050025

Facility ID No. 027-00067

Emissions Inventory

7.2 HAZARDOUS AIR POLLUTANTS (HAPs)

Table 7.2-1 below summarizes HAP emissions from Teton Sales combustion and coatings operations. As shown in the table, Teton Sales is a major source for HAPs.

Table 7.2-1 HAP Emissions from Combustion Operations

Pollutant	Emissions From Combustion (Tons/yr)	
Arsenic	1.56E-06	
Benzene	1.64E-05	
Beryllium	9.37E-08	
Cadmium	8.58E-06	
Ethylbenzene	0.00E+00	
Formaldehyde	5.87E-04	
Chromium	0.00E+00	
Lead	3.91E-06	
Mercury	2.03E-06	
1,1,1 – Trichlorethane (Methyl Chloroform)	0.00E+00	
Naphthalene	4.77E-06	
Nickel	1.64E-05	
Xylene	0.00E+00	
Selenium	1.87E-07	
Toluene	2.66E-05	
POM	6.85E-07	
Dichlorobenzene	9.31E-06	
Phosphorous	0.00E+00	
Hexane	1.40E-02	
TOTAL		1.47E-02
Note: Emission Factors for lead, POM, dichlorobenzene and hexane are as follows (i.e., for those HAPs not included with TAP calculations):		
Lead	5.00E-04	lb/MMscf
POM	8.82E-05	lb/MMscf
Dichlorobenzene	1.20E-03	lb/MMscf

Table 7.2-2 HAP Emissions (Continued)

Pollutant	Coatings & Thinners - HAP Emission Inventory (ton/yr)										T-6 Storage Tank	Total Simult. (ton/yr)	Total not Simult. (ton/yr)
	Spray Booth	Fan Coater # 1	Fan Coater # 2	Fan Coater # 3	Fan Coater # 4	Roll Coater # 1	Printer # 1	Printer # 2					
Glycol Ethers	0	0	0	0	0	0	0.23	0.23	0	0	0	0.46	0.46
Toluene	0	8.79	29.41	0.09	27.39	4.35	0.04	0.04	0.005	0	0.005	70.11	61.16
Methyl Isobutyl Ketone	0	0	2.74	0.00	2.75	0.001	1.10	1.10	0.0002	0	0.0002	7.69	5.49
Xylene	0	0.95	1.54	0.07	2.43	0	0.05	0.05	0	0	0	5.07	3.96
Methanol	0	0	1.83	0.00	1.84	0.001	0.71	0.71	0.0007	0	0.0007	5.08	3.66
Ethyl benzene	0	0.19	0.31	0.02	0.40	0	0.0010	0.0010	0	0	0	0.93	0.72
Cumene	0	0.001	0	0	0	0	0	0	0	0	0	0.00	0.00
2-Butoxyethanol	0	0	0	0.02	0	0	0.019	0.019	0	0	0	0.05	0.05
Phenoxyethanol	0	0	0	0.02	0	0	0.000	0.000	0	0	0	0.02	0.02
Manganese	0	0	0	0	0	0	0.004	0.004	0	0	0	0.01	0.01
Chromium III	0	0	0	0	0	0	0.004	0.004	0	0	0	0.01	0.01
Total	0	9.93	35.83	0.21	34.81	4.35	2.15	2.15	0.006	0	0.006		

TOTAL HAP PTE if both processes could run simultaneously = 89.43
TOTAL HAP PTE when processes do not run simultaneously = 75.54

TOTAL HAP Emissions facility wide (combustion, coatings & thinners) = 75.57

TAPs Inventory (lb/hr)

Pollutant	Spray Booth	Fan Coater # 1	Fan Coater # 2	Fan Coater # 3	Fan Coater # 4	Roll Coater # 1	Printer # 1	Printer # 2	Acetone Storage Tank	T-6 Storage Tank	Total (lb/hr)	EL (lb/hr)
Toluene	0	3.99	13.37	0.04	12.45	1.98	0.038	0.038	0	0.001	31.90	25
Methyl ethyl ketone	0	3.28	2.78	0	7.92	0.89	0	0	0	0	14.87	39.3
Methyl Isobutyl Ketone	0	0.00	1.24	0	1.25	0.000	0.996	0.996	0	0.0002	4.49	13.7
Xylene	0	0.43	0.70	0.03	1.10	0	0.041	0.041	0	0	2.34	29
Methanol	0	0.00	0.83	0	0.83	0.001	0.646	0.646	0	0.0007	2.96	17.3
Acetone	0	33.84	4.84	2.63	4.87	5.60	3.60	3.60	0.015	0.009	59.00	119
Isopropanol	0	0.99	1.60	0.23	0	0.28	0.188	0.188	0	0	3.48	65.3
Ethyl benzene	0	0.09	0.14	0.01	0.18	0	0.0009	0.0009	0	0	0.42	21.75
Cumene	0	0.001	0.01	0	0	0	0	0	0	0	0.008	16.3
Ethyl acetate	0	0	0	0	0	0	0.059	0.059	0	0	0.12	93.3
2-Butoxyethanol	0	0	0	0.01	0	0	0.0172	0.0172	0	0	0.04	8
Isobutyl acetate	0	0	0	0	0	0	0.084	0.084	0	0	0.17	46.7
Butanol	0	0	0	0	0	0	0.084	0.084	0	0	0.17	47.3
Butyl acetate	0	0	0	0	0	0.10	1.698	1.698	0	0	3.50	10.0
Quartz	0.23	0	0	0	0	0	0	0	0	0	0.23	0.0067
Calcium Carbonate	29.72	0	0	0	0	0	0	0	0	0	29.72	0.667
Chromium III	0	0	0	0	0	0	0.003	0.003	0	0	0.007	0.033
Manganese	0	0	0	0	0	0	0.003	0.003	0	0	0.007	0.333
1,2,4-Trimethylbenzene	0	0	0.01	0	0	0	0	0	0	0	0.015	8.2
2-Pentanone	0	0	0	0.02	0	0	0	0	0	0	0.023	46.7